THE CLAIMS

Claims:

1. (Previously Presented) A method for providing a program in a conditional access system, the method comprising the steps of:

selecting a digital bit stream from a plurality of digital bit streams;

encrypting a first portion of the selected digital bit stream according to a first encryption method to provide a first encrypted stream;

encrypting a second portion of the selected digital bit stream according to a second encryption method to provide a second encrypted stream wherein the second encryption method is different from the first encryption method;

multiplexing the first encrypted stream, the second encrypted stream, and the plurality of digital bit streams to provide a partially-encrypted stream; and

transmitting the partially-encrypted stream.

2. (Original) The method of claim 1, wherein a portion of the selected digital bit stream is encrypted, wherein the encrypted portion and an unencrypted portion of the selected digital bit stream are combined with the plurality of digital bit streams.

3. (Original) The method of claim 1, wherein the selected digital bit stream includes a plurality of packets, and wherein each packet includes a packet

identifier identifying whether the packet is at least one of a video stream, an audio stream, and a data stream.

4. (Original) The method of claim 3, wherein the selecting step selects the digital bit stream by identifying a predetermined packet identifier.

5. (Original) The method of claim 3, wherein the selecting step selects the digital bit stream by identifying a plurality of predetermined packet identifiers.

6. (Original) The method of claim 5, wherein the plurality of predetermined packet identifiers is at least one of the video stream, the audio stream, and the data stream.

7. (Previously Presented) A method for providing a plurality of programs in a conditional access system, the method comprising the steps of:

selecting a plurality of elementary bit streams from a transport stream;

encrypting a first portion of the selected elementary bit streams according to a first encryption method to provide a first encrypted stream;

encrypting a second portion of the selected elementary bit streams according to a second encryption method to provide a second encrypted stream wherein the second encryption method is different from the first encryption method;

multiplexing the first and second encrypted stream and the remaining portion of the selected elementary bit stream with the transport stream; and

transmitting the multiplexed stream.

8. (Original) The method of claim 7, wherein each of the plurality of elementary bit streams includes a plurality of packets, wherein each packet includes a packet header that is indicative of at least one of a video stream, an audio stream, and a data stream.

9. (Original) The method of claim 8, wherein the selecting step selects the plurality of elementary bit streams by identifying at least one of the video stream, the audio stream, and the data stream.

10. (Original) The method of claim 7, wherein each of the plurality of elementary bit streams includes a plurality of packet identifiers, and wherein the selecting step selects the plurality of elementary bit streams by identifying a predetermined packet identifier.

11. (Original) The method of claim 7, wherein each of the plurality of elementary bit streams includes a plurality of packet identifiers, and wherein the selecting step selects the plurality of elementary bit streams by identifying a plurality of predetermined packet identifiers.

12. (Previously Presented) The method of claim 11, wherein the portion of the selected elementary bit stream includes at least one of a video stream, an audio stream, and a data stream.

13. (Previously Presented) The method of claim 1, wherein the first encryption method comprises 3DES and the second encryption method comprises DES.

14. (Previously Presented) The method of claim 7, wherein the first encryption method comprises 3DES and the second encryption method comprises DES.

15. (New) A method for providing a program in a conditional access system, the method comprising the steps of:

means for selecting a digital bit stream from a plurality of digital bit streams;

means for encrypting a first portion of the selected digital bit stream according to a first encryption method to provide a first encrypted stream;

means for encrypting a second portion of the selected digital bit stream according to a second encryption method to provide a second encrypted stream wherein the second encryption method is different from the first encryption method;

means for multiplexing the first encrypted stream, the second encrypted stream, and the plurality of digital bit streams to provide a partially-encrypted stream; and

means for transmitting the partially-encrypted stream.

16. (New) The method of claim 15, wherein a portion of the selected digital bit stream is encrypted, wherein the encrypted portion and an unencrypted portion of the selected digital bit stream are combined with the plurality of digital bit streams.

17. (New) The method of claim 15, wherein the selected digital bit stream includes a plurality of packets, and wherein each packet includes a packet identifier identifying whether the packet is at least one of a video stream, an audio stream, and a data stream.

18. (New) The method of claim 17, wherein the means for selecting selects the digital bit stream with a means for identifying a predetermined packet identifier.

19. (New) The method of claim 17, wherein the means for selecting selects the digital bit stream with a means for identifying a plurality of predetermined packet identifiers.

20. (New) The method of claim 19, wherein the plurality of predetermined packet identifiers is at least one of the video stream, the audio stream, and the data stream.